**G101-3:** Understanding and Applying the Angle Addition Postulate

**Warm Up:**

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**Angle Addition Postulate:**

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**Compare and Contrast:**

Looking back on the Segment Addition Postulate:



If I make one of the smaller angles x, and the other smaller angle y:

m∡AOB = x

m∡BOC = y

m ∡AOC =

= x

= y

=

**What do you notice?**

**Examples:**

1. Draw a ray using the points Q and R.

2. Draw an angle using the points L, M, and N.



3.

4.



5.

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6.

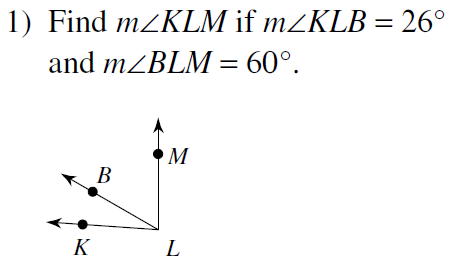
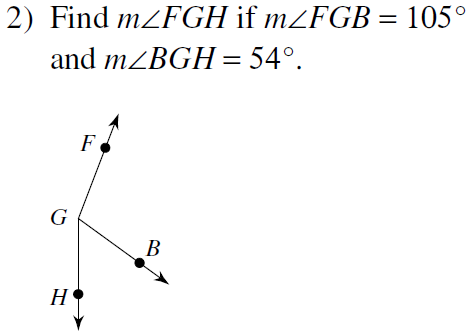
**Try on your own:**



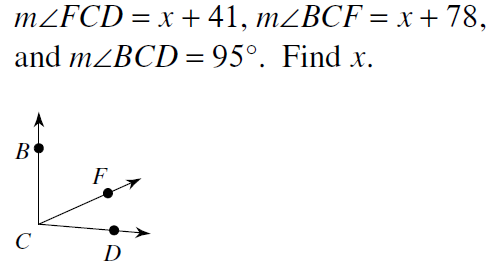
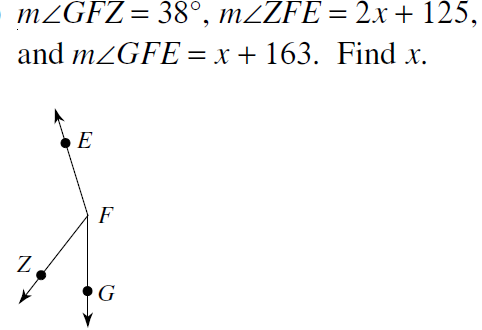
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2.

**G101-3: Homework**

4)

3)

**G101-3: Homework**

